



FIGURE 10 - ENGINE MOUNT AND COWLING

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	1700	145-31501-5	Cowling	-	Removable Hinged LH	-	-	1	2-850
	1700-10	145-31501-105	Cowling	-	Removable Hinged LH	-	-	1	851 & Subs
	1701	145-31501-6	Cowling	-	Removable Hinged RH	-	-	1	2-850
	1701-10	145-31501-106	Cowling	-	Removable Hinged RH	-	-	1	851-1600
	1701-20	145-31501-108	Cowling	-	Removable Hinged RH (Includes Air Scoop)	-	-	1	1601 & Subs
2		AN394-37	Pin	-	Flat Head 1/4	-	-	3	
3		AN960-416L	Washer	-	Plain	-	-	3	
		AN380-2-2	Cotter	-	-	-	-	3	
4	1739	145-31501-136	Scoop	-	-	-	-	1	1601 & Subs
5	1704	117-315105	Spring	-	Fastener	-	-	3	2-850
	9354	FA6-1/2-55	Stud	-	-	-	-	3	851 & Subs
	9355	GF6-1/2-250	Grommet	-	-	-	-	3	851 & Subs
6	1702	145-31501-4	Beam Assy	-	Engine Cowling	-	-	1	
7		AN3-4A	Bolt	-	Aircraft 10-32	-	-	4	
8	1703	145-31501-63	Bracket	-	Engine Cowl Center Hinge	-	-	3	
9	1710	145-31501-19	Nose Cowl	-	(Used With Aeromatic & Hartzell -1 & -5 Prop)	-	-	1	
9-1	1710-10	145-31501-519	Nose Cowl	-	(Used With Hartzell -7 Propeller)	-	-	1	
10		AN3-4A	Bolt	-	Aircraft 10-32	-	-	4	
11		AN960-A10	Washer	-	Plain	-	-	8	
12		AN365-1032	Nut	-	Self Locking	-	-	4	
13	1711	145-31501-42	Angle	-	Nose Cowl Lower	-	-	1	
14	1712	145-31501-44	Seal	-	Front Fabric	-	-	2	
15	1715	145-31503-1	Grill Assy	-	Engine Cooling Opening LH	-	-	1	
	1716	145-31503-2	Grill Assy	-	Engine Cooling Opening RH	-	-	1	
		AN520-10R8	Screw	-	Round Head Machine (Fine Thread)	-	-	4	
16	1717	145-44012	Retainer	-	Upper Half (Used With Hartzell -1 & -5 Prop)	-	-	1	
	1718	145-44013	Retainer	-	Lower Half (Used With Hartzell -1 & -5 Prop)	-	-	1	
17	1719	145-44011	Seal	-	Engine Cowl Prop. Air (Hartzell -1 & -5 Prop)	-	-	1	
18		NAS221-9	Screw	-	-	-	-	9	
19	1736-10	145-44061	Seal	-	Propeller Air (Hartzell -7 Propeller Only)	-	-	1	
		NAS221-9	Screw	-	-	-	-	1	
20	1738-10	145-31509-10	Seal Assy	-	Nose Cowl Air Baffle LH	-	-	1	1565 & Subs
	1737-10	145-31508-10	Seal Assy	-	Nose Cowl Air Baffle RH	-	-	1	1565 & Subs
21	1720	143-31901-100	Mount Assy	-	Engine	-	-	1	2-1789
	1720-10	143-31901-300	Mount Assy	-	Engine	-	-	1	1790 & Subs
22		AN5-7A	Bolt	-	Aircraft 5/16-24	-	-	2	
23		AN5-10A	Bolt	-	Aircraft 5/16-24	-	-	2	
		AN960-516	Washer	-	Plain	-	-	10	
24		AN365-524	Nut	-	Self Locking	-	-	4	
25	8404	7S1-10-6	Screw	-	-	-	-	2	
26	8405	7S1-10-7	Screw	-	-	-	-	2	
27		AN365-1032	Nut	-	Self Locking	-	-	6	
28	1721	145-31926-6	Bracket	-	Cowl Fastener Forward	-	-	2	
29	1722	145-31926-7	Bracket	-	Cowl Fastener Center	-	-	2	
30	1723	145-31926-8	Bracket	-	Cowl Fastener Rear	-	-	2	
31		AN3-7A	Bolt	-	Aircraft 10-32	-	-	2	
32		AN960-10	Washer	-	Plain	-	-	2	
33		AN960-416	Washer	-	Plain	-	-	4	
34		AN365-1032	Nut	-	Self Locking	-	-	2	
35		NAS204-10	Screw	-	-	-	-	1	
36	8471	2W1-11-16-63	Washer	-	-	-	-	1	
37		AN365-832	Nut	-	Self Locking	-	-	1	
38	9357	S6-425	Spring	-	Upper Cowl Spring Mounting	-	-	1	
39	1725	143-31901-100SA#3	Frame Assy	-	Sta. 19 Engine Mount (Includes Doubler)	-	-	1	
40	1726	143-31901-100SA#1	Frame Assy	-	Sta. 21 Engine Mount LH (Includes Doubler)	-	-	1	
	1727	143-31901-100SA#2	Frame Assy	-	Sta. 21 Engine Mount RH (Includes Doubler)	-	-	1	
41	1728	143-31901-7	Frame	-	Engine Mount - Sta. 30 LH	-	-	1	
	1729	143-31901-8	Frame	-	Engine Mount - Sta. 30 RH	-	-	1	
42	1724	143-31901-19	Frame	-	Engine Mount - Lower Sta. 40.5	-	-	1	
43	1730	143-31901-SA#3	Channel	-	Engine Mount Lower LH (Includes Fitting)	-	-	1	
	1731	143-31901-SA#4	Channel	-	Engine Mount Lower RH (Includes Fitting)	-	-	1	
	1740	143-31901-SA#9	Channel Assy	-	Engine Mount Upper LH	-	-	1	
44	1741	143-31901-SA#10	Channel Assy	-	Engine Mount Upper RH	-	-	1	
45	1732	143-31901-143SA#1	Skin Assy	-	Engine Mount LH	-	-	1	2-1789
	1732-10	143-31901-243SA#1	Skin Assy	-	Engine Mount LH	-	-	1	1790 & Subs
	1733	143-31901-144SA#1	Skin Assy	-	Engine Mount RH	-	-	1	2-1789
	1733-10	143-31901-244SA#1	Skin Assy	-	Engine Mount RH	-	-	1	1790 & Subs
46	1734	143-31901-SA#17	Skin Assy	-	Engine Mount Lower	-	-	1	
47	1735	143-31901-28	Door	-	Engine Mount	-	-	1	
		AN960-8	Washer	-	Plain	-	-	8	
48		AN515-8-R8	Screw	-	-	-	-	8	
49	1736	143-31902	Support	-	Engine Front	-	-	1	
50		AN5-25A	Bolt	-	Aircraft 5/16-24	-	-	2	
51		AN960-516	Washer	-	Plain	-	-	2	
52	8349	4S3-D516-17	Spacer	-	-	-	-	2	
53		AN365-1032	Nut	-	Self Locking	-	-	2	
54	1705	145-31501-17	Rod	-	Cowl Up Support	-	-	2	
55	1706	145-31502	Bracket	-	Cowl Up Support	-	-	2	
56	1707	143-31005-15	Seal	-	Rear Fabric	-	-	2	
	9339	48143	Button	-	Plug	-	-	1	1790 & Subs